

## Electronic Acknowledgement Receipt

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| <b>EFS ID:</b>                              | 6925950  |
| <b>Application Number:</b>                  | 09693481   |
| <b>International Application Number:</b>    |  |
| <b>Confirmation Number:</b>                 | 8652   |
| <b>Title of Invention:</b>                  | Systems and methods for dynamic bandwidth management on a per subscriber basis in a communications network |
| <b>First Named Inventor/Applicant Name:</b> | Joel E. Short  |
| <b>Customer Number:</b>                     | 20995  |
| <b>Filer:</b>                               | Jarom D. Kesler/Lori Larson  |
| <b>Filer Authorized By:</b>                 | Jarom D. Kesler  |
| <b>Attorney Docket Number:</b>              | NOMDX.039A   |
| <b>Receipt Date:</b>                        | 01-FEB-2010  |
| <b>Filing Date:</b>                         | 20-OCT-2000  |
| <b>Time Stamp:</b>                          | 20:56:42   |
| <b>Application Type:</b>                    | Utility under 35 USC 111(a)  |

### Payment information:

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| Submitted with Payment                   | yes                           |
| Payment Type                             | Credit Card                   |
| Payment was successfully received in RAM | \$ 180                        |
| RAM confirmation Number                  | 6201                          |
| Deposit Account                          | 111410                        |
| Authorized User                          | KNOBBE MARTENS OLSON AND BEAR |

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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| File Listing:   |   |                     |  |                  |                  |
|-----------------|---|---------------------|--|------------------|------------------|
| Document Number | Document Description                                  | File Name           | File Size(Bytes)/ Message Digest         | Multi Part /.zip | Pages (if appl.) |
| 1               |   | Response.pdf        | 314629                                   | yes              | 8                |
|                 |   |                     | 8eb509d010d0e42dcc4b72d5820acb554ee7c02e |                  |                  |
|                 | Multipart Description/PDF files in .zip description   |                     |  |                  |                  |
|                 | Document Description                                  |                     | Start                                    | End              |                  |
|                 | Amendment/Req. Reconsideration-After Non-Final Reject |                     | 1  | 1                |                  |
|                 | Claims  |                     | 2  | 6                |                  |
|                 | Applicant Arguments/Remarks Made in an Amendment      |                     | 7  | 8                |                  |
| Warnings:       |   |                     |  |                  |                  |
| Information:    |   |                     |  |                  |                  |
| 2               | Foreign Reference                                     | ep0742657A2Carr.PDF | 1544734                                  | no               | 27               |
|                 |   |                     | 61567ddf57dc5ea12354dfa77a56c78e414e452c |                  |                  |
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| 3               | Foreign Reference                                     | EP0873037A1.PDF     | 1270817                                  | no               | 28               |
|                 |   |                     | fa478f410f5442002d8bf1895258625c726666ad |                  |                  |
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| 4               | NPL Documents   | Kalkbrenner.PDF     | 392579                                   | no               | 6                |
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| 5               | NPL Documents   | Kausar.PDF          | 728995                                   | no               | 7                |
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| 6               | NPL Documents   | Partial.PDF         | 134182                                   | no               | 4                |
|                 |   |                     | e6c5765c7276dbf972240c36e71bced43f9037a3 |                  |                  |
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| 7               | NPL Documents   | Richards.PDF        | 1133174                                  | no               | 15               |
|                 |   |                     | 053671e1d18aa81257c3a09cfdac5a964fea285c |                  |                  |

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| 8                            | NPL Documents  | Steven.PDF    | 794985                                    | no  | 12  |
|                              |  |               | 99eafc7d717f7fe5620f3b28fd633be36ad7ddf9  |     |     |
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| 9                            | NPL Documents  | Tanenbaum.PDF | 556676                                    | no  | 7   |
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| 10                           | Foreign Reference                                    | WO9702687.PDF | 1945311                                   | no  | 45  |
|                              |  |               | bcf3b5f97c3986f9457ca2afa78456797e42f73   |     |     |
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| 11                           | NPL Documents  | BPAI.PDF      | 545745                                    | no  | 14  |
|                              |  |               | b63e2b9ec55d6ec4c87769240a6928b144605d9d  |     |     |
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| 12                           | NPL Documents  | Complaint.pdf | 12075031                                  | no  | 189 |
|                              |  |               | 359c625f22d838b870d69b67e7ea0a2d4f4a7b38  |     |     |
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| 13                           |  | ids.pdf       | 199457                                    | yes | 4   |
|                              |  |               | a990b67d537e969c60d22d2d890a22a84fc6405f  |     |     |
|                              | Multipart Description/PDF files in .zip description  |               |   |     |     |
|                              | Document Description                                 |               | Start                                     | End |     |
|                              | Transmittal Letter                                   |               | 1   | 2   |     |
|                              | Information Disclosure Statement (IDS) Filed (SB/08) |               | 3   | 4   |     |
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| Information:                 |  |               |   |     |     |
| 14                           | Fee Worksheet (PTO-875)                              | fee-info.pdf  | 30195                                     | no  | 2   |
|                              |  |               | 64e95f2e66cb15d9a778ca430b60224435bec5c2  |     |     |
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**New Applications Under 35 U.S.C. 111**

**If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.**

**National Stage of an International Application under 35 U.S.C. 371**

**If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.**

**New International Application Filed with the USPTO as a Receiving Office**

**If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.**